

# **sPHENIX** inaugural collaboration meeting

~90 people with varied experimental ancestries

the sPHENIX “origin story” –

## Origin story

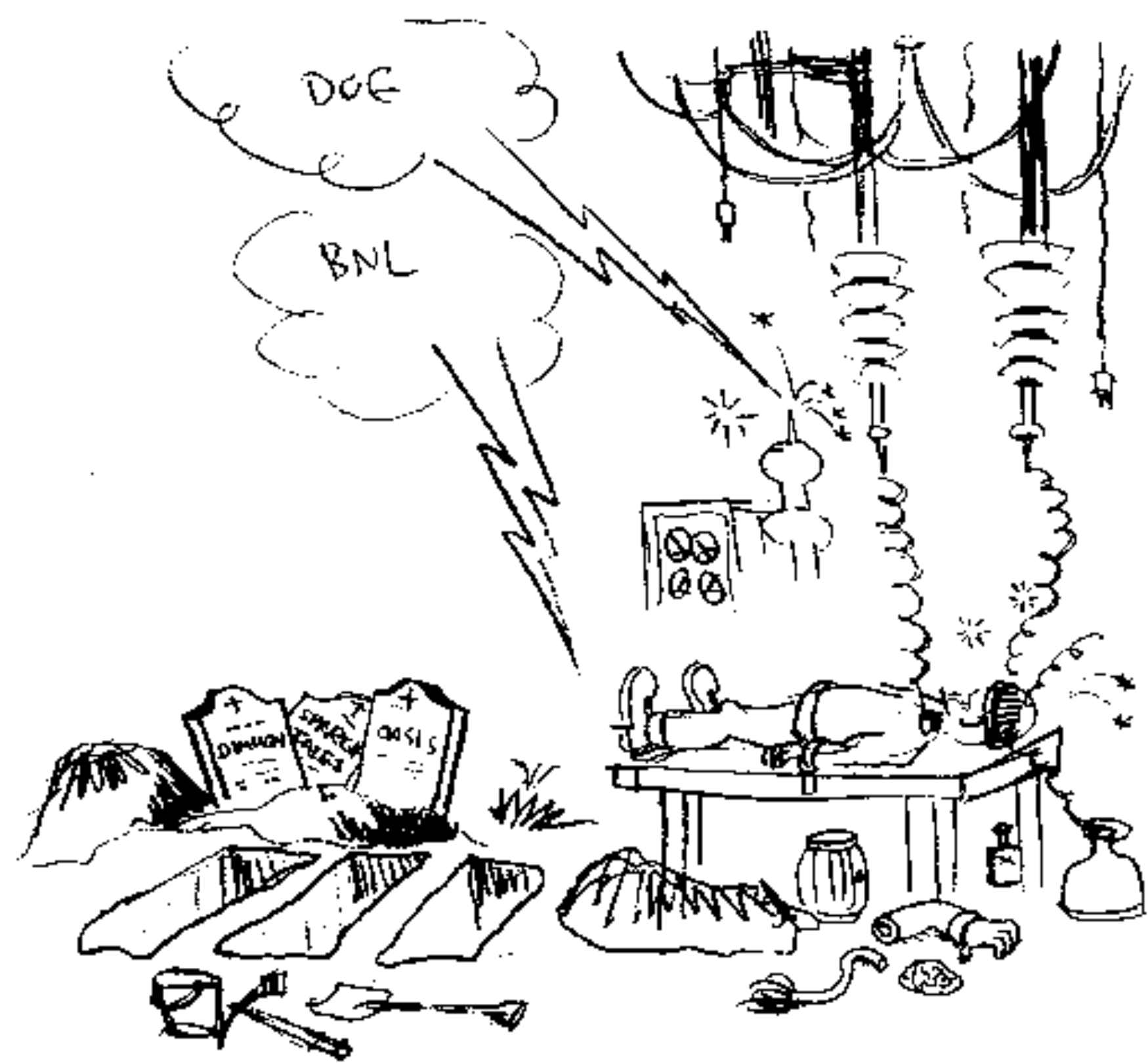
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From Wikipedia, the free encyclopedia

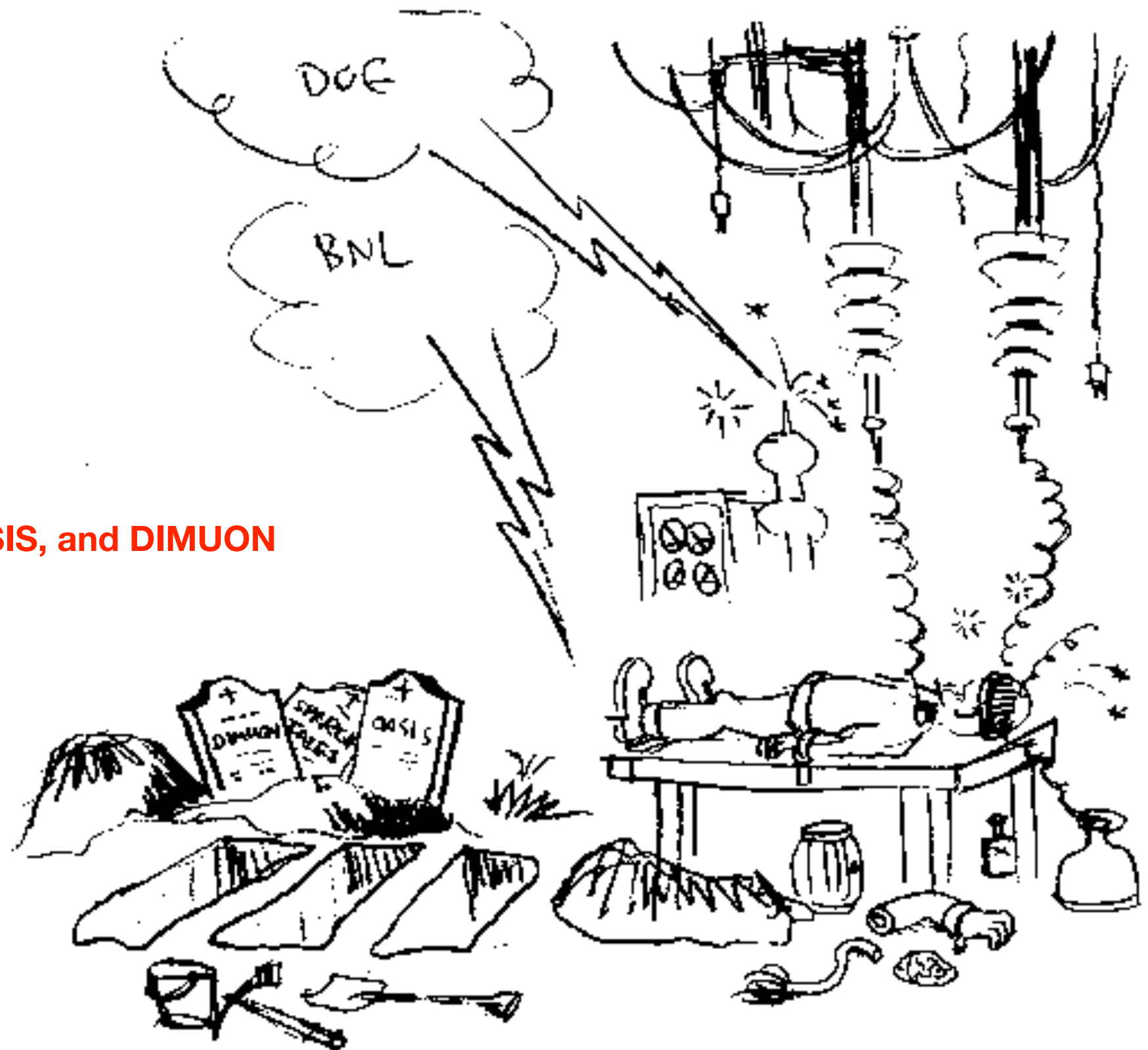
*This article is about the back-stories of fictional characters. For myths about origins of world phenomena, see [origin myth](#). For other uses of 'origin', see [Origin \(disambiguation\)](#).*

In comic book terminology, an **origin story** is an account or [back-story](#) revealing how a character or team gained their [superpowers](#) and/or the circumstances under which they became [superheroes](#) or [supervillains](#).

... MEANWHILE, BACK AT  
FRANKENSTEIN'S CASTLE ...



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FRANKENSTEIN'S CASTLE ...



TALES, SPARC, OASIS, and DIMUON



## Major Events for the Collaboration

1991

Sept.: Creation of RE2.

1992

Mar.: PHENIX Organization + Institutions established.

June: pCDR (260 pages) published.

Aug.: First TAC Review on PHENIX.  
1-wk PHENIX Workshop at BNL.

Sept.: PHENIX Newsletter started.

Oct.: Collaboration meeting at Santa Fe.

Nov.: Muon-arm instrumentation deferred from the  
Baseline.

1993

Feb.: CDR (473 pages) published.

TAC ... partial funding started.

PAC ... approval of PHENIX, muon encouraged.

Apr.: Day-1 shifted from '97 to '99.

June: Muon arm review by TAC.  
Collaboration meeting at Lund.

Aug.: PHENIX Workshop at BNL.

Oct.: Collaboration meeting at San Ramon.

Nov.: CDR Updates published.  
TAC Review on Cost and Schedule

Dec.: RIKEN proposal on Spin was finalized.

1994

Mar.: TAC Review on Cost and Schedule ... Final  
approval for PHENIX detector construction !

OASIS  
Dimuon  
Tales



RE2: Sam Aronson (Spokesperson)

PHEONIX: Photon, Hadron, Electron  
muOn Nucl. Ion. eXperiment ???

Shoji Nagamiya: Appointed as  
PHENIX spokesperson.

The most difficult time for me!

I tried to explain to the collaboration  
to install both muon arms soon by  
finding additional money.

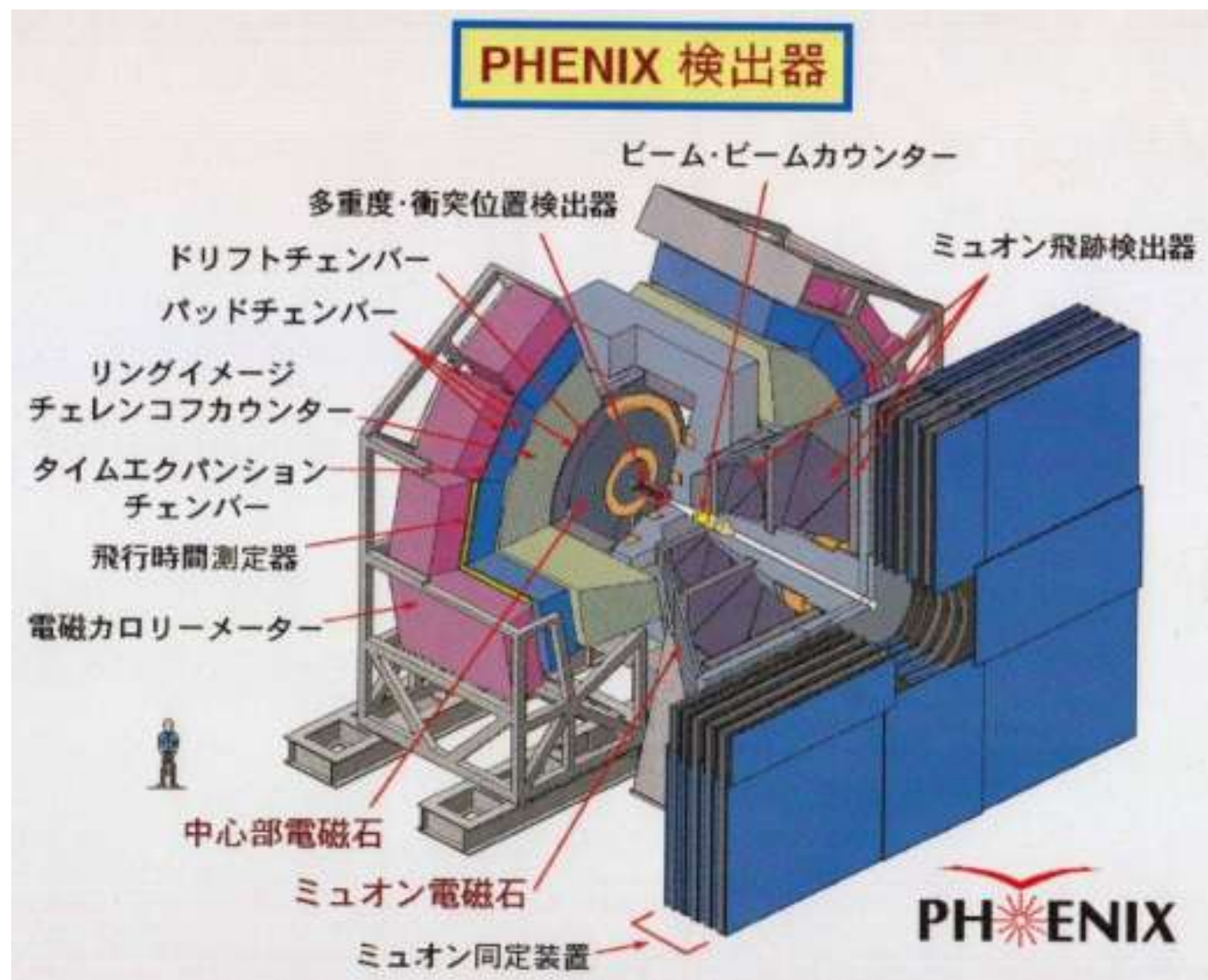
Turkey without Tail!



Frank Prasil yelled!  
It was just before  
the Thanksgiving  
holidays

From 1993: Effort to fund muon  
arms started. Approach to RIKEN.  
1994: Approval of PHENIX



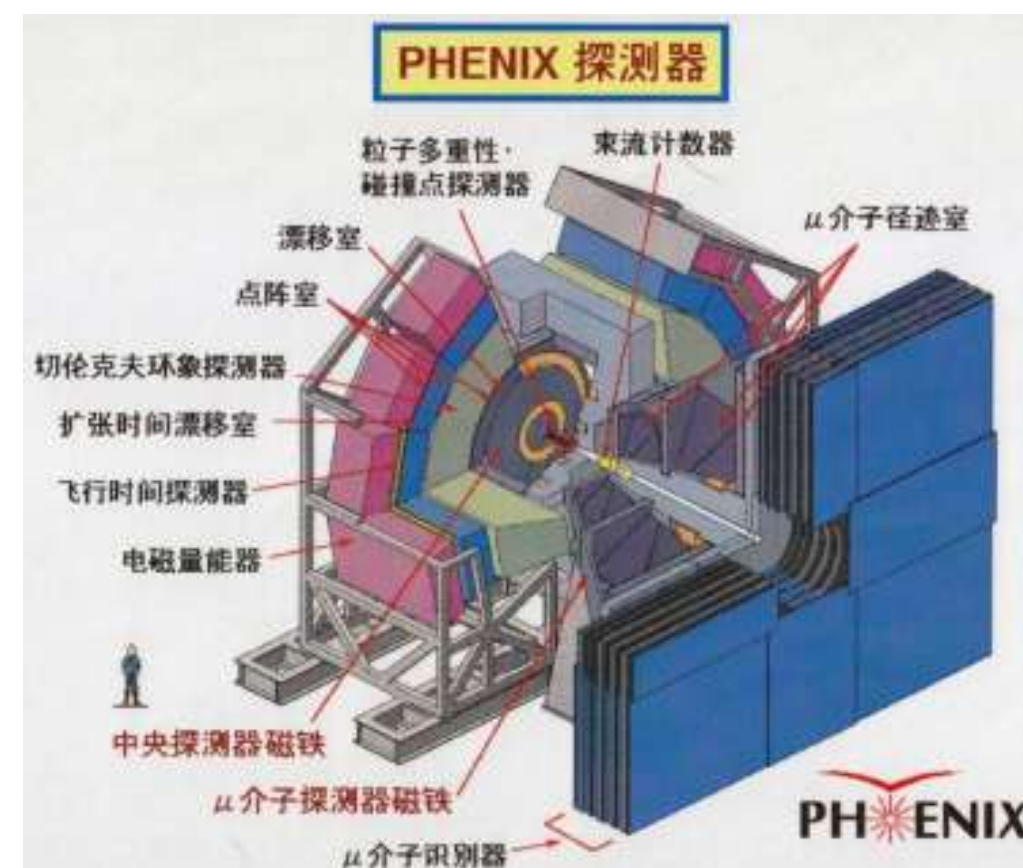


Detector in Japanese,  
in particular, for RIKEN

**Serious effort in obtaining  
outside funds initiated.**



Detector in Chinese (Taiwan)



Detector in Chinese (Beijing)

# Recap (not necessarily in order)

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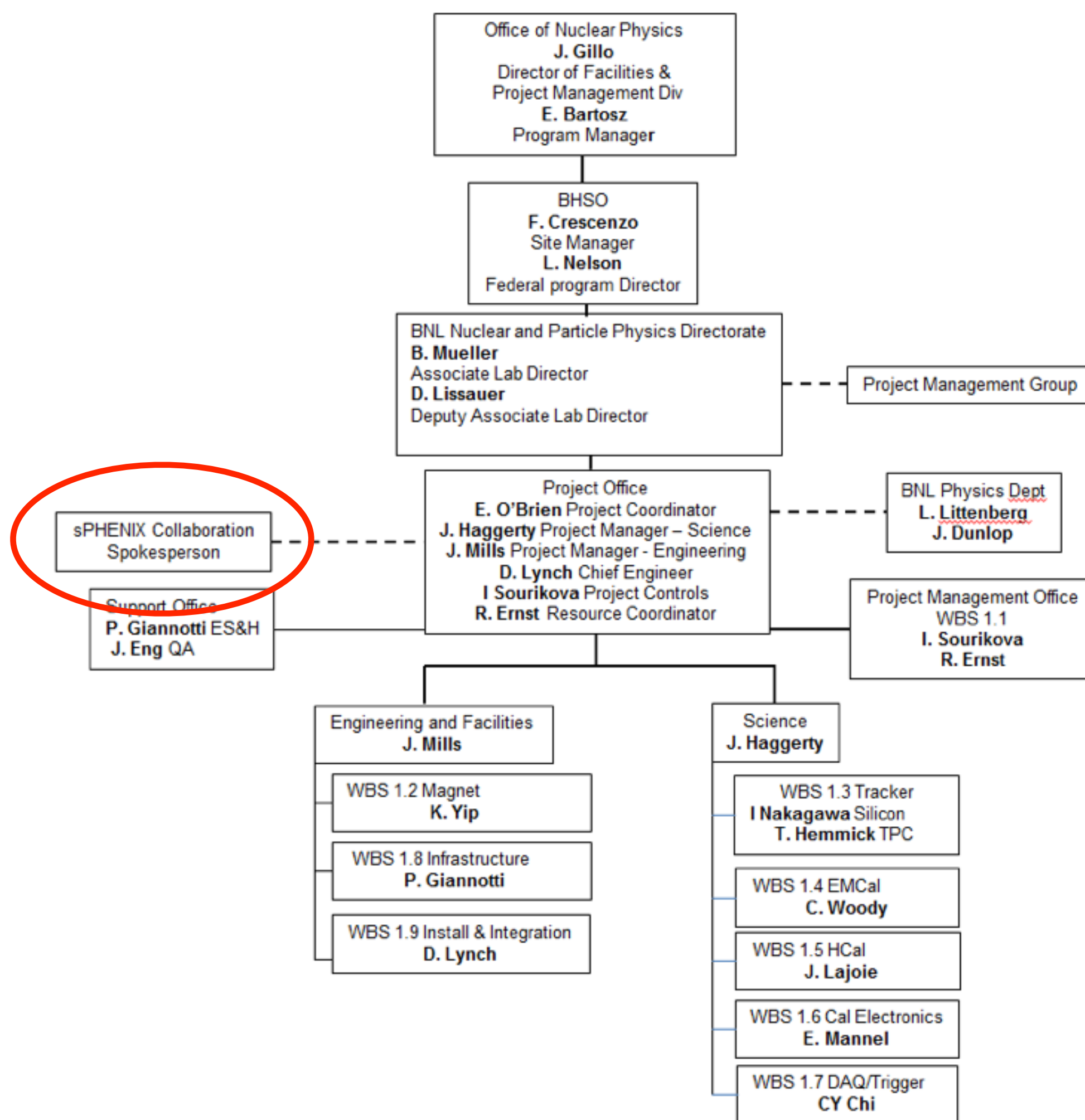
- Lab perspective – Berndt has been very supportive; also heard very directly about collaboration concerns
- Current state of the project and R&D plans – large effort through 2015 leading to helpful cost and schedule review (Ed and John)
- Physics – jets and upsilon program as described in successfully reviewed proposal, strong interest in forward physics, connection to EIC
- Technology – calorimeters, electronics, silicon tracking and TPC, many opportunities for ideas and R&D
- An excellent magnet!

# Foundational developments

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- another collegial IB meeting (John Harris)
- adopted by-laws with few changes (Bill Zajc)
- SNC identified a co-spokesperson team (GR and DM) to stand for election – **nominations are still open** (Huan Huang)
  1. 1/11/2016 – Ballot to be distributed to IB members
  2. 1/14/2016 – Mid-night PST – End of voting period
  3. 1/15/2016 – Election result announced to the collaboration





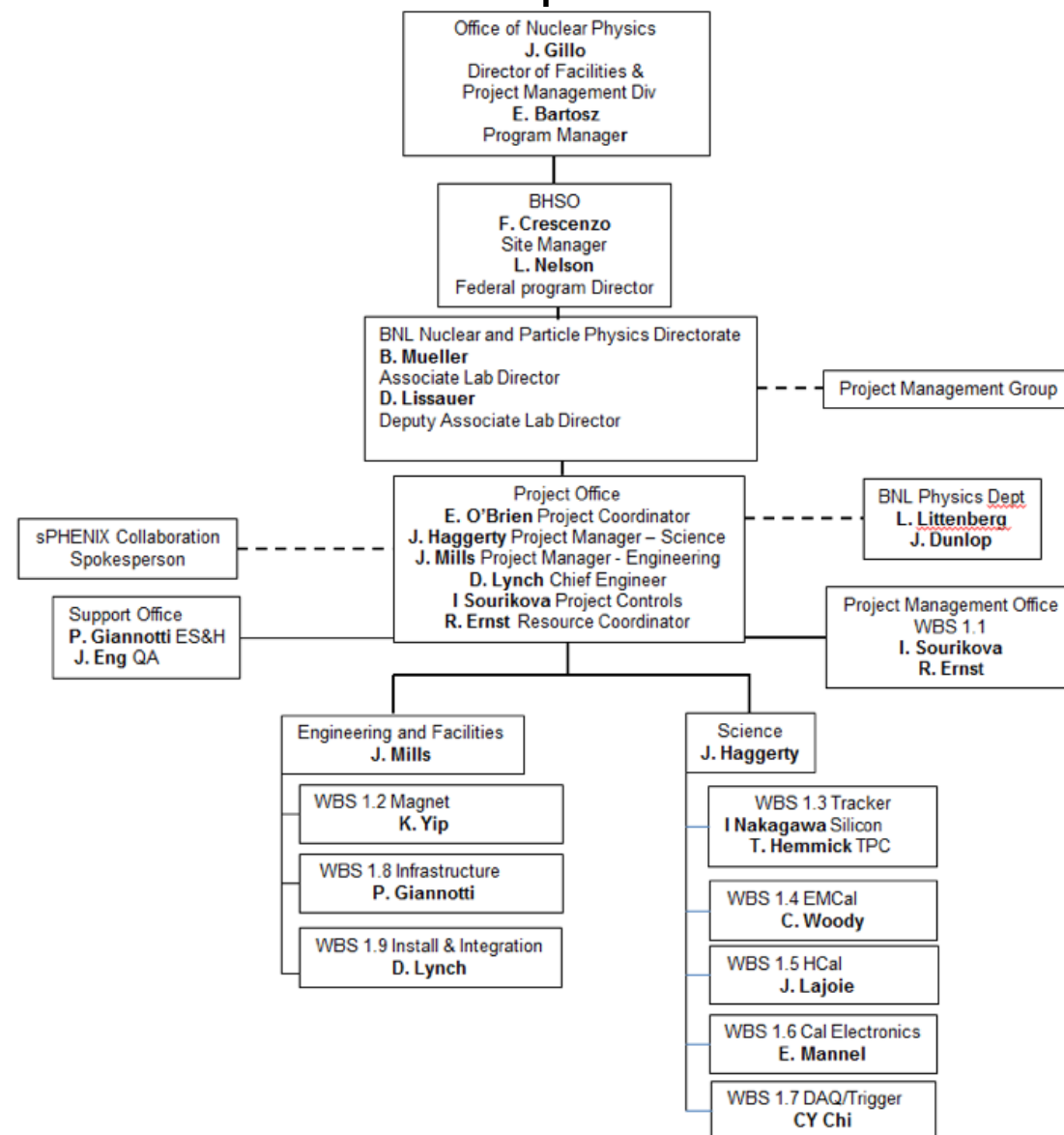


President Barack Obama

Secretary of Energy Ernie Moniz

Under Secretary for Science and Energy Franklin Orr

Director of Office of Science Pat Dehmer





**RUTGERS**  
UNIVERSITY







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UNIVERSITY



Thanks to Rosi and Sevil and Rutgers University  
for hosting the first sPHENIX collaboration meeting!